

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An optical link module for connecting light beams by deflection, comprising:
light emitting devices arranged in a planar manner on a surface;
optical waveguides on a surface for receiving light beams from the light emitting devices; and
an optical bend prism which is disposed between the light emitting devices and the optical waveguides and includes a plurality of aspherical concave lenses protruding outwardly from and integral to an optical surface of the optical bend prism formed in accordance with the number of the light emitting devices and the number of the optical waveguides, wherein the surface on which light emitting devices are formed and the surface on which the optical waveguides are formed are disposed to intersect with each other.
2. (Currently Amended) The optical link module according to claim 1, wherein ~~the optical bend is a prism, and the aspherical~~ concave lenses include a plurality of coaxial spherical surfaces having different radii.
3. (Originally Presented) The optical link module according to claim 1, wherein the light emitting devices are chosen from the group consisting of laser diodes and light emitting diodes.
4. (Originally Presented) The optical link module according to claim 1, wherein the optical waveguides are optical fibers.

5 – 11. (Canceled)

12. (Originally Presented) An information processor which includes a central processing unit, a memory and an input/output unit, comprising:

an optical signal generation unit for generating optical signals from electrical signals by responding to instructions of the central processing unit;

optical waveguides which receive, by use of light receiving parts, the optical signals generated by the optical signal generation unit and transmit the optical signals; and

other devices which receive instructions from the central processing unit by receiving the light beams emitted from the optical waveguides and converting the light beams into electrical signals,

wherein the optical signal generation unit includes:

a driver part,

surface emitting elements driven by the driver part,

an optical turn including aspherical lenses which deflect light beams generated by the surface emitting elements and are formed in accordance with the light beams, and

a coupling member for coupling a plurality of optical waveguides with the deflected light beams.

13. (Originally Presented) The information processor according to claim 12, wherein a surface on which light emitting devices of the surface emitting elements are formed and a light receiving surface of the light receiving part are disposed to intersect with each other.

14. (Originally Presented) The information processor according to claim 12, wherein the optical waveguides are optical fibers and the optical signal passes through the optical turn at the same time.

15. (Originally Presented) The information processor according to claim 12, wherein the optical waveguides are wiring elements in the information processor.

19. (Currently amended) A prism used in an optical link module which deflects light beams in an information processor, comprising:

at least two optical surfaces through which the light beams pass; and
aspherical concave lenses protruding outwardly from and integral to an optical surface of the optical bend prism formed on the optical surfaces and include a plurality of coaxial spherical surfaces with different radii.

20- 21. (Canceled)